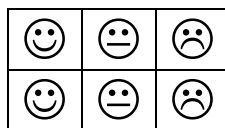


CHANGE THE SUBJECT OF A FORMULA

A: I can make and use formulae



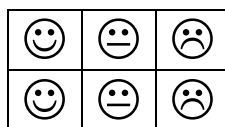
Rentacar charge a fee of £30 plus £12 per day to hire a car.

How much would it cost to hire the car for 7 days?

Write a formula to calculate the cost (C) to hire the car for d days.

Use the formula to calculate how many days you could hire the car for a total cost of £210.

B: I can change the subject of a linear equation



Change the subject of each formula to the variable stated.

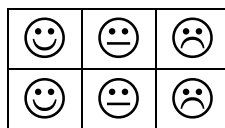
1) $S = \frac{D}{T}$ (T)

2) $V = IR$ (R)

3) $y = mx + c$ (m)

4) $a = 2x - b$ (x)

C: I can change the subject of an equation involving a square or a square root



Change the subject of each formula to the variable stated.

1) $A = l^2$ (l)

2) $W = 2\sqrt{x}$ (x)

3) $V = \pi r^2 h$ (r)

4) $a = \sqrt{\frac{b}{4}}$ (b)

5) $s = ut + \frac{1}{2}at^2$ (a)